

ABSTRACT OF THE DISCLOSURE

The device and method for scrambling/descrambling voice/data in a mobile communication system involves vocoding or bypassing a signal received from a radio channel interval, scrambling the vocoded or bypassed signal using a random number, sending the scrambled signal to a cable channel interval, descrambles the scrambled signal received from the cable channel interval, vocoding or bypassing the descrambled signal, and sending the vocoded or bypassed signal to the radio channel interval, thereby dramatically security of the data in the cable channel interval between the system vocoders and preventing overhearing of the voice.

10

"Express Mail" mailing label number EL67489748005
Date of Deposit November 21, 2002
I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 CFR 1.10 on the
date indicated above and is addressed to: Commissioner
of Patents and Trademarks, Washington, D.C. 20231.
Grant Miles
(printed name)
Grant Miles
(signature)